

CLAIMS

1. An oral composition for alveolar bone resorption inhibition and periodontal membrane loss inhibition, comprising a
5 soy isoflavone aglycone, calcium, and vitamin D₃.

2. An agent for preventing or treating gingival recession, comprising a soy isoflavone aglycone, calcium, and
vitamin D₃.

10

3. An agent for preventing or treating alveolar bone resorption and periodontal membrane loss, comprising a soy
isoflavone aglycone, calcium, and vitamin D₃.

15

4. A composition or agent according to any one of claims 1 to 3, wherein the proportion of soy isoflavone aglycone
in the composition or agent is 0.001% to 10% by weight; and the
proportion of calcium in the composition or agent is 0.01% to 50%
by weight.

20

5. A composition or agent according to any one of claims 1 to 3, wherein the composition or agent is for persons
having decreased bone density, postmenopausal women, or
periodontal disease patients in a maintenance phase.

25

6. A composition according to claim 1, wherein the soy
isoflavone aglycone is an extract from whole-grain soy; the
genistein/daidzein weight ratio in the soy isoflavone aglycone is
in the range of 1/1 to 1.5/1; and the proportion of the total
30 weight of genistein and daidzein in the soy isoflavone aglycone
is at least 90%.

7. A method for inhibiting alveolar bone resorption and
periodontal membrane loss, comprising orally administering a
35 composition according to any one of claims 1 to 6.

8. A method for preventing or treating gingival recession, comprising orally administering a soy isoflavone aglycone, calcium, and vitamin D₃.

5

9. A method for preventing or treating alveolar bone resorption and periodontal membrane loss, comprising orally administering a soy isoflavone aglycone, calcium, and vitamin D₃.

10 10. A method according to claim 8 or 9, wherein the soy isoflavone aglycone, calcium, and vitamin D₃ are administered to persons having decreased bone density, postmenopausal women, or periodontal disease patients in a maintenance phase.

15 11. A method according to claim 9 or 10, wherein the soy isoflavone aglycone is administered in an amount of 10 mg to 40 mg per day; and calcium is administered in an amount of 500 mg to 2000 mg per day.